

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number  
**WO 2004/084985 A1**

(51) International Patent Classification<sup>7</sup>: **A61N 1/00,**  
A61B 5/04

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(21) International Application Number:  
PCT/IB2004/000901

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(22) International Filing Date: 4 March 2004 (04.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/458,796 28 March 2003 (28.03.2003) US

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

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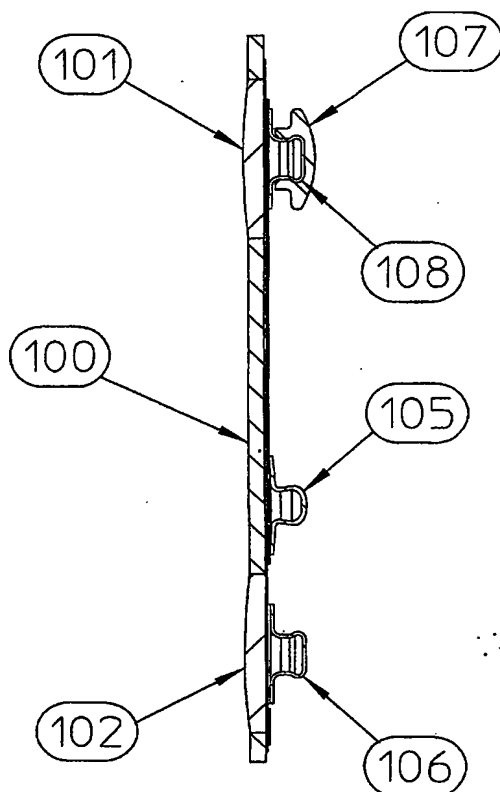
(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

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[Continued on next page]

(54) Title: DUAL ELECTRODE WITH THREE STUDS FOR IMPEDANCE CARDIOGRAPHY



(57) Abstract: A quick-connecting dual electrode assembly for use in procedures such as impedance cardiography includes a body having a cable side and a patient side, and three eyelets arranged therein. A distal snap assembly having a distal stud (108) is secured in a first eyelet (101a) of said three eyelets (101a, 102a, 105a) near an end of the body. An additional stud (105) is arranged in a second eyelet (105a) near a center of the body, wherein the distal stud (108) and the additional stud (105) are electrically joined by a jumper assembly. A proximal snap assembly having a proximal stud (106) secured in a third eyelet (102a) at an opposite end from where the distal stud (108) is arranged proximally to the additional stud (105), so that a distance between the proximal stud (106) and the additional stud (105) is substantially less than a distance between the distal stud (108) and the additional stud (105). The additional stud (105) is electrically isolated from the patient side, and a gel portion is arranged on the patient side of the body for the first stud and the third stud. The electrode apparatus facilitates quick connection of a small dual plug so that the dual plug does not have to be the length of the distance between the two electrically connected studs, yet keeps the electrodes in contact with the patient at an optimum distance apart.

CROSS-SECTION

WO 2004/084985 A1



Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*